



# FEMA



Prepared by  
*Kevin Rodriguez*

# FEMA Region 6 Weather Threat Briefing

Thursday, March 14, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- **A few strong storms possible in NE LA this morning, primary threat will be damaging winds. Otherwise, no significant weather impacts are expected.**

## Friday – Monday

- **No significant weather impacts expected.**

## River Flooding

- **Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA.**
- **The MS Flooding is slightly higher than 2016 & 1997.**
- **Minor rises with minimal impacts along area rivers in E TX and OK.**

# FEMA Region 6 Threat Matrix

Mar 14, 2019 – Mar 18, 2019



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| DAY / THREAT                   | THU                          | FRI       | SAT       | SUN       | MON       |
|--------------------------------|------------------------------|-----------|-----------|-----------|-----------|
| Severe Storms                  | NE LA<br>(through 12 pm CDT) |           |           |           |           |
| Heavy Rain /<br>Flash Flooding |                              |           |           |           |           |
| Winter Weather                 |                              |           |           |           |           |
| Strong Winds                   |                              |           |           |           |           |
| Fire Weather                   | South-Central TX             |           |           |           |           |
| River Flooding                 | E AR/E LA                    | E AR/E LA | E AR/E LA | E AR/E LA | E AR/E LA |
|                                | NE TX/OK                     |           |           |           |           |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

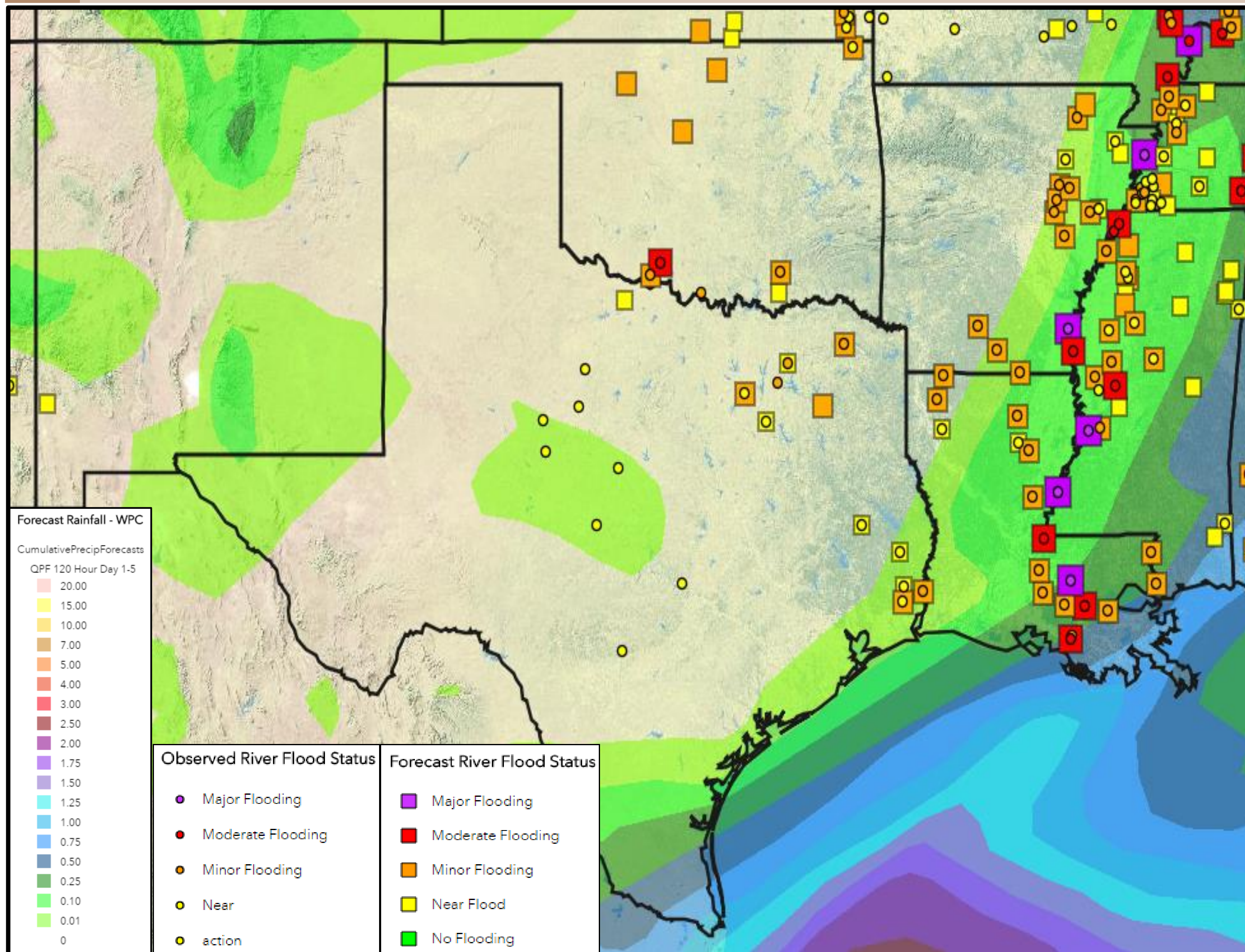


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major flooding will continue this week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997.**

## Arkansas

- All rivers have crested and are beginning to recede.
- Mississippi River at Osceola and near Arkansas City remain at major flood, but have all crested.
- Mississippi River near Greenville, MS is in moderate stage, and is beginning to recede.

## Louisiana

- MS River at Baton Rouge is at Major flood. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.
- MS River at Vicksburg and Natchez are at major flood stage with homes and roads impacted.

## Texas/Oklahoma

- Some minor rises on area rivers.
- Very minor impact on the East Cache Creek near Walters, OK – some flooding on low-lying rural roads, pastures, and croplands.

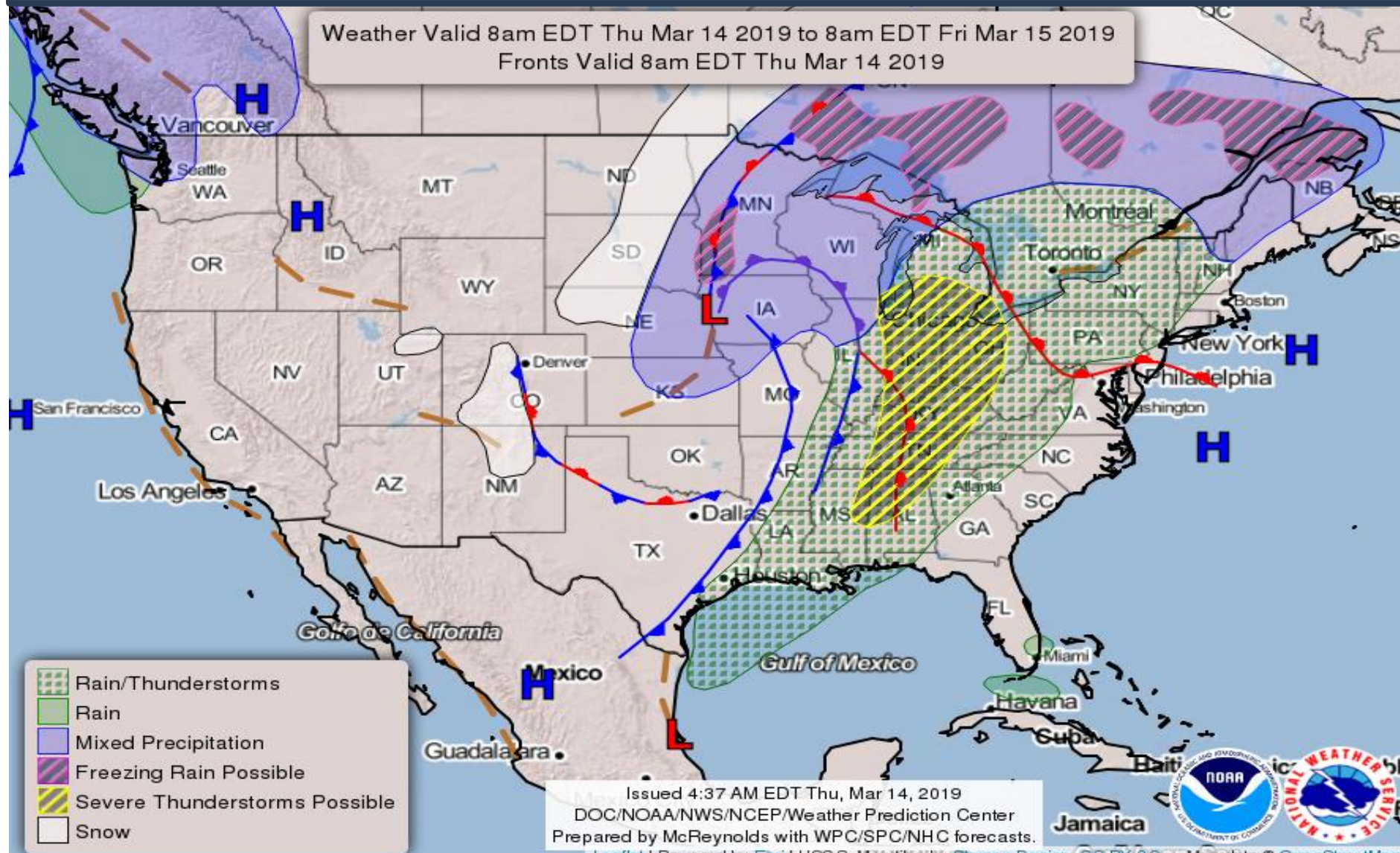


# Today's Weather

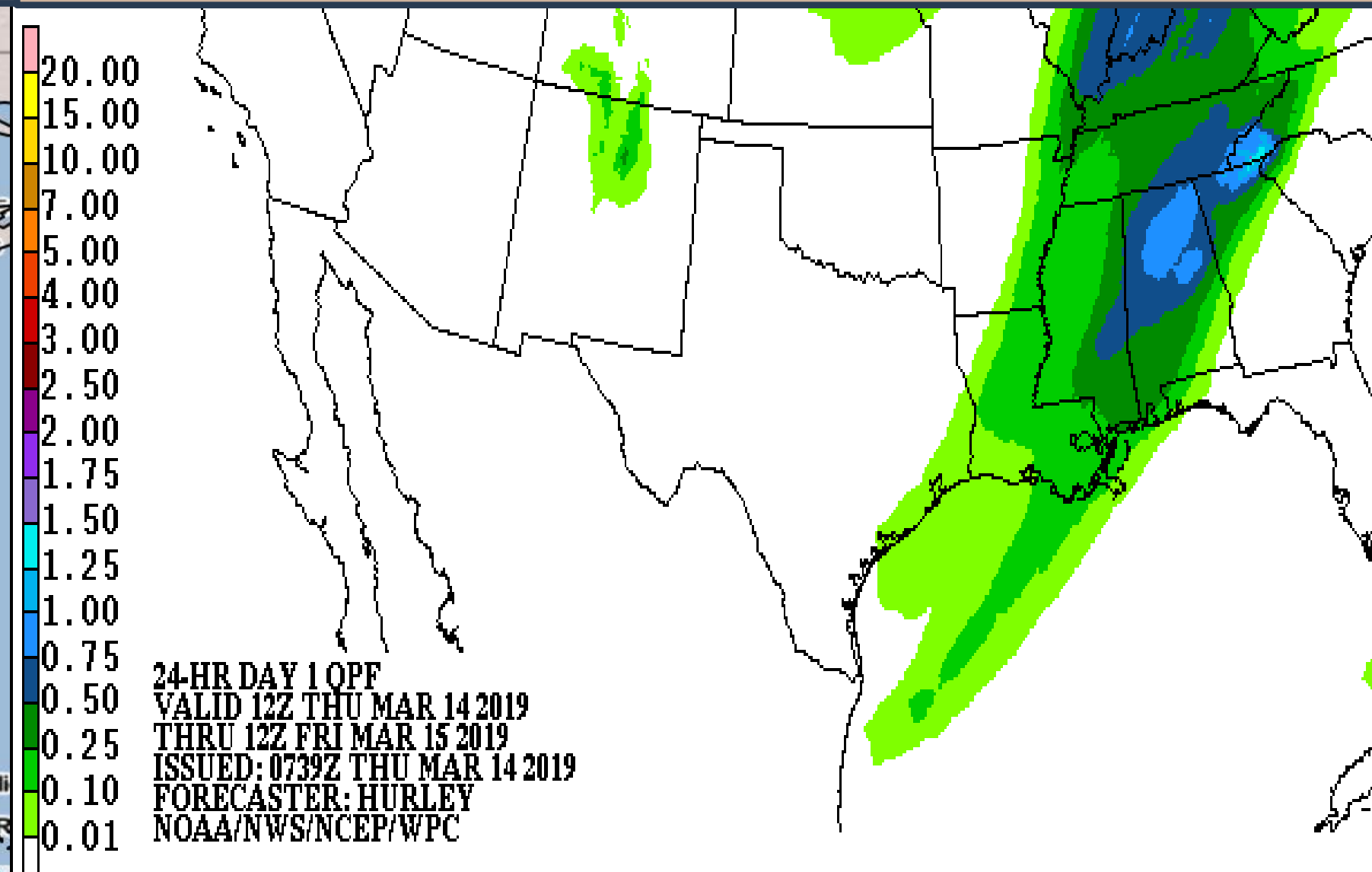


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# Forecast Chart

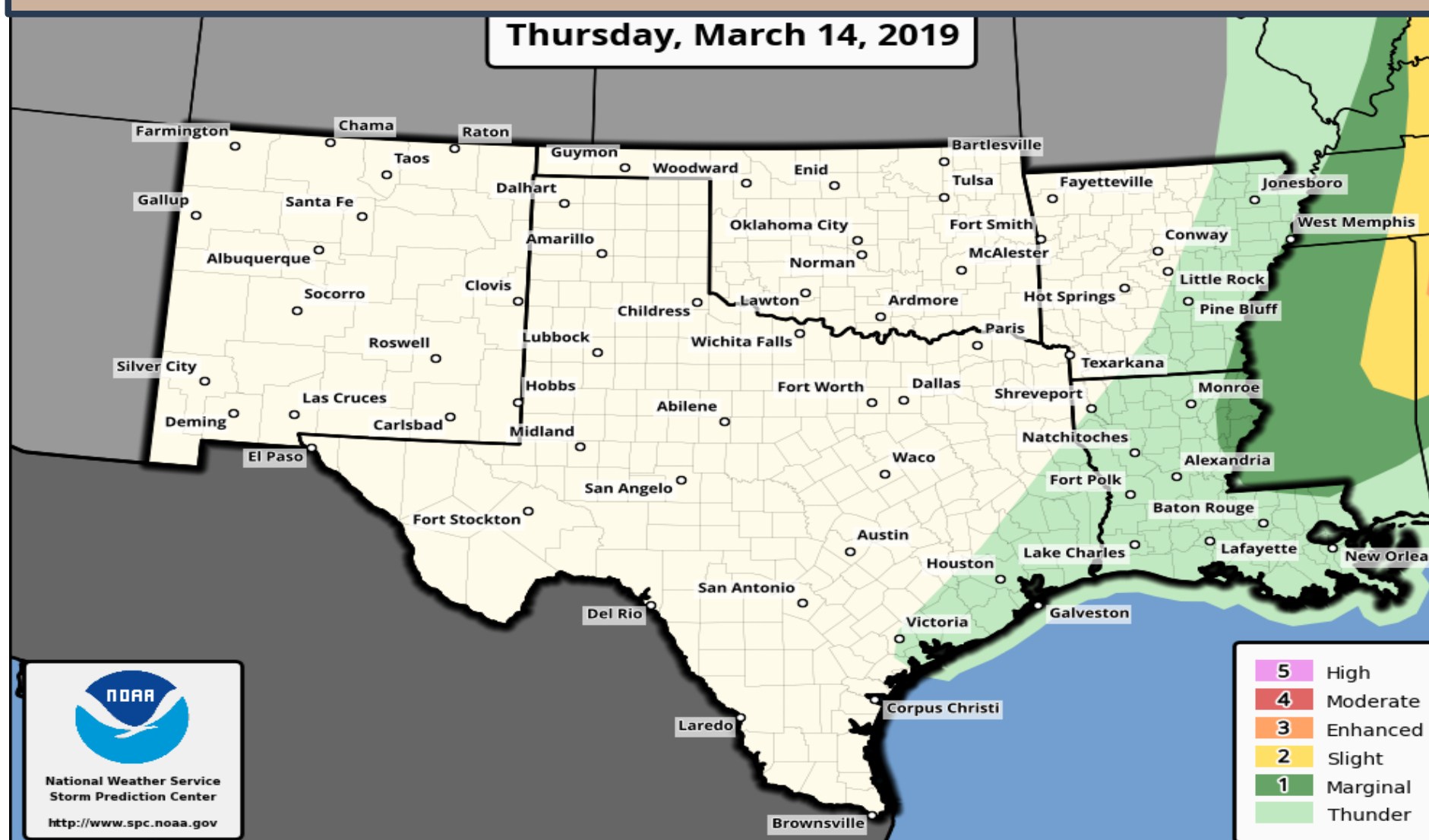


# Forecast Rainfall

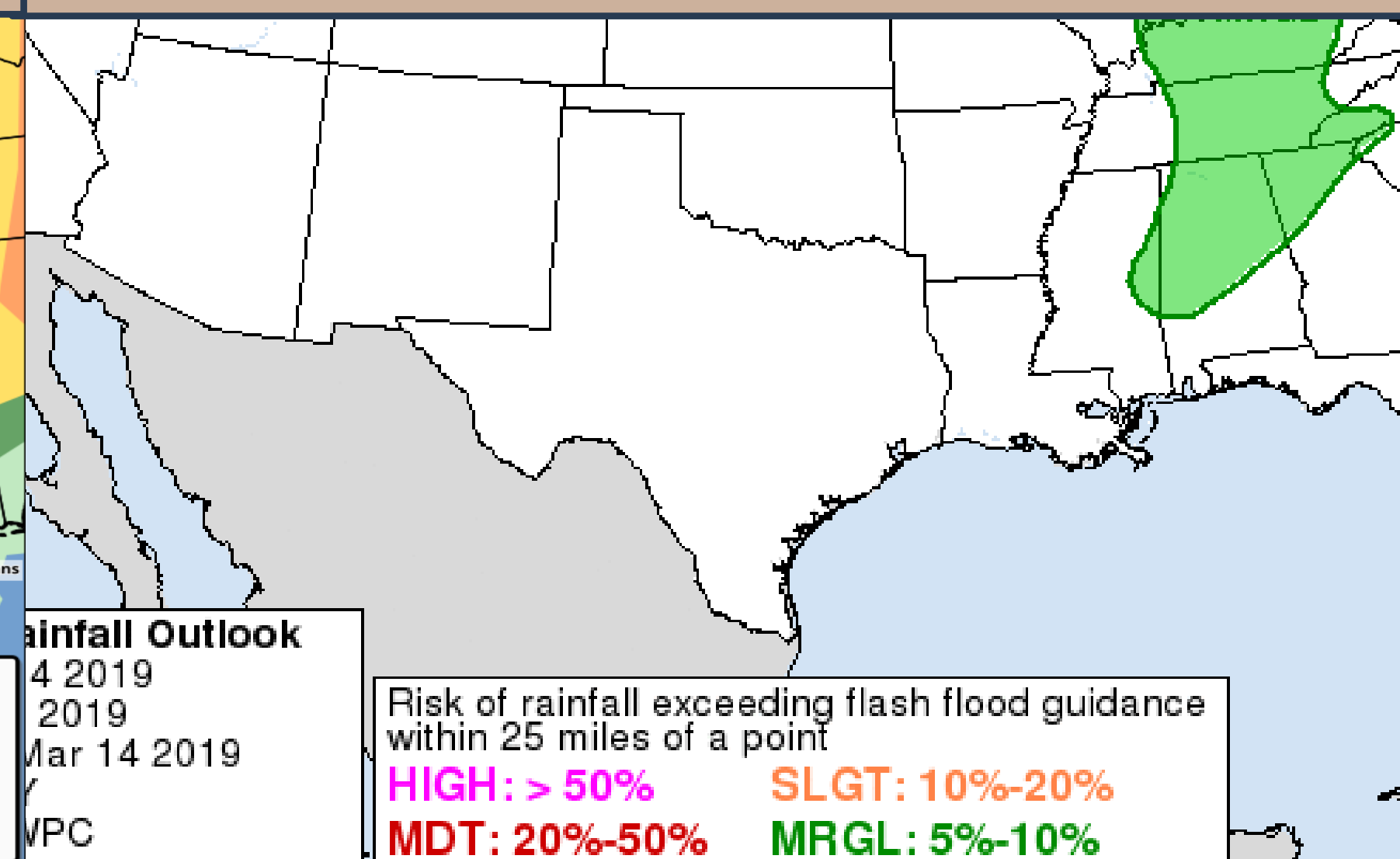


**A few strong storms possible  
in NE LA this morning.**

# Severe Weather Outlook



## Excessive Rainfall Outlook



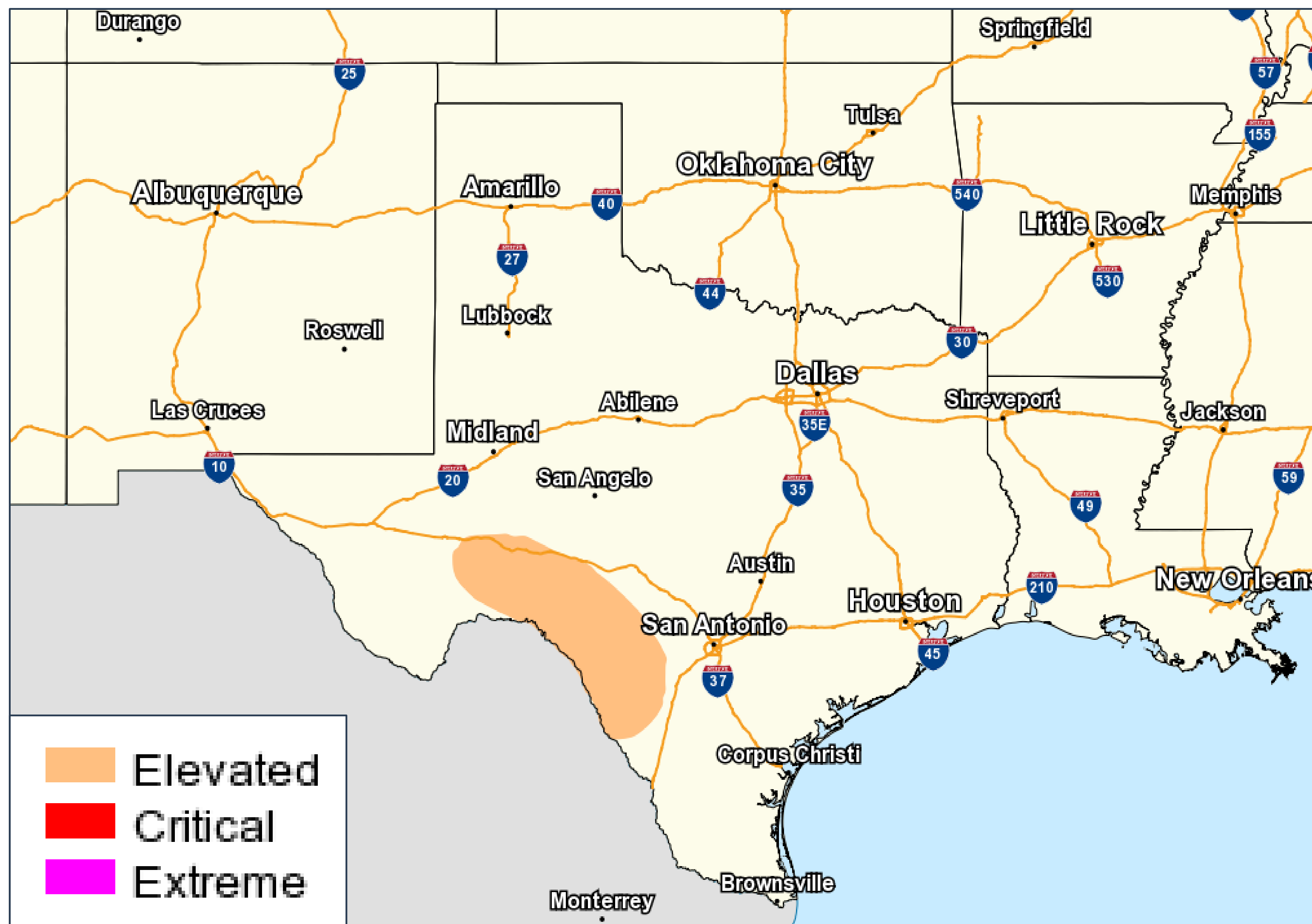


# Today's Fire Weather Outlook



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**Elevated fire weather conditions possible from the Big Bend to south of the Edwards Plateau in TX.**



# Watches, Warnings, and Advisories



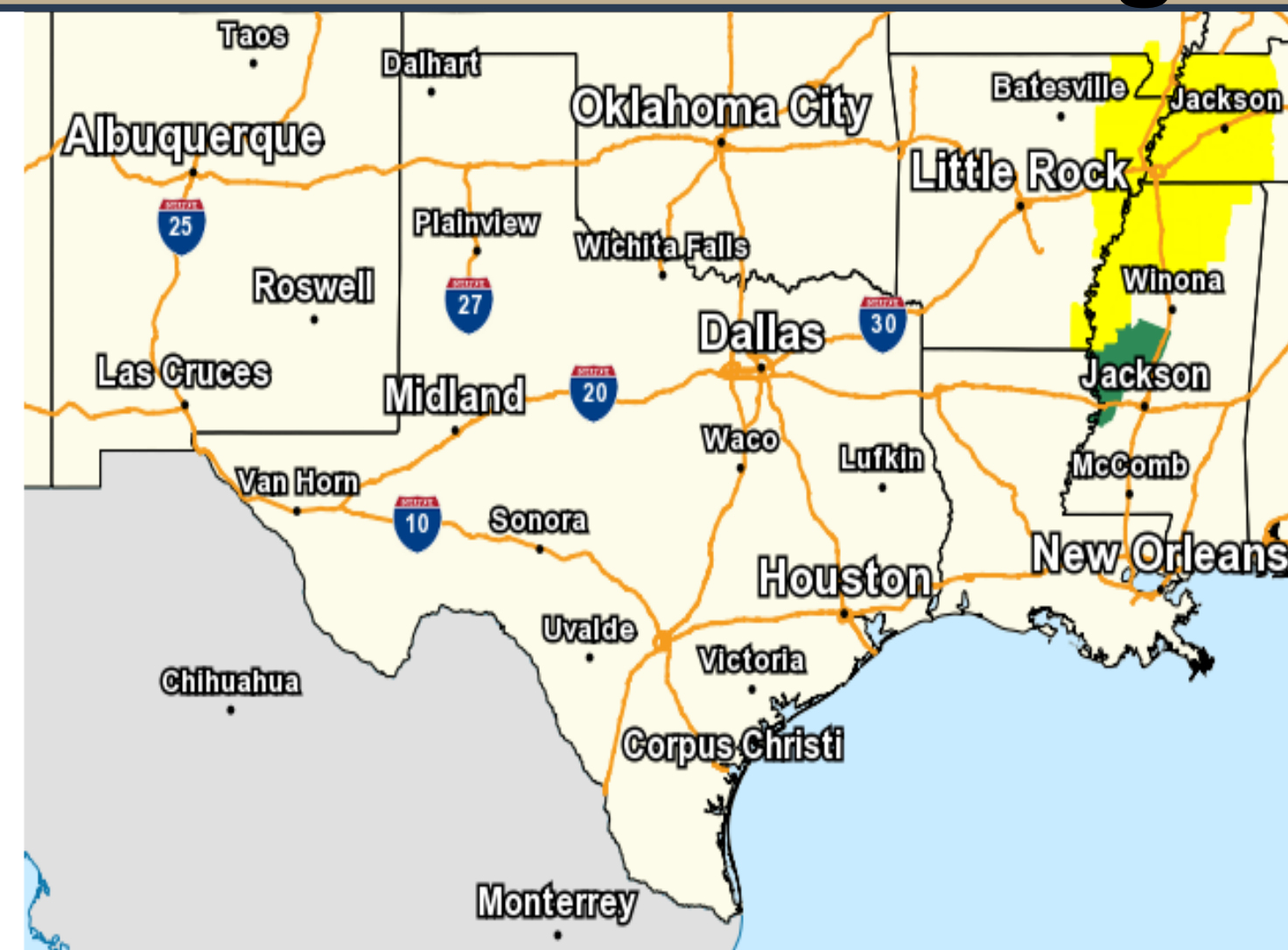
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## Fire Weather



Graphic Created

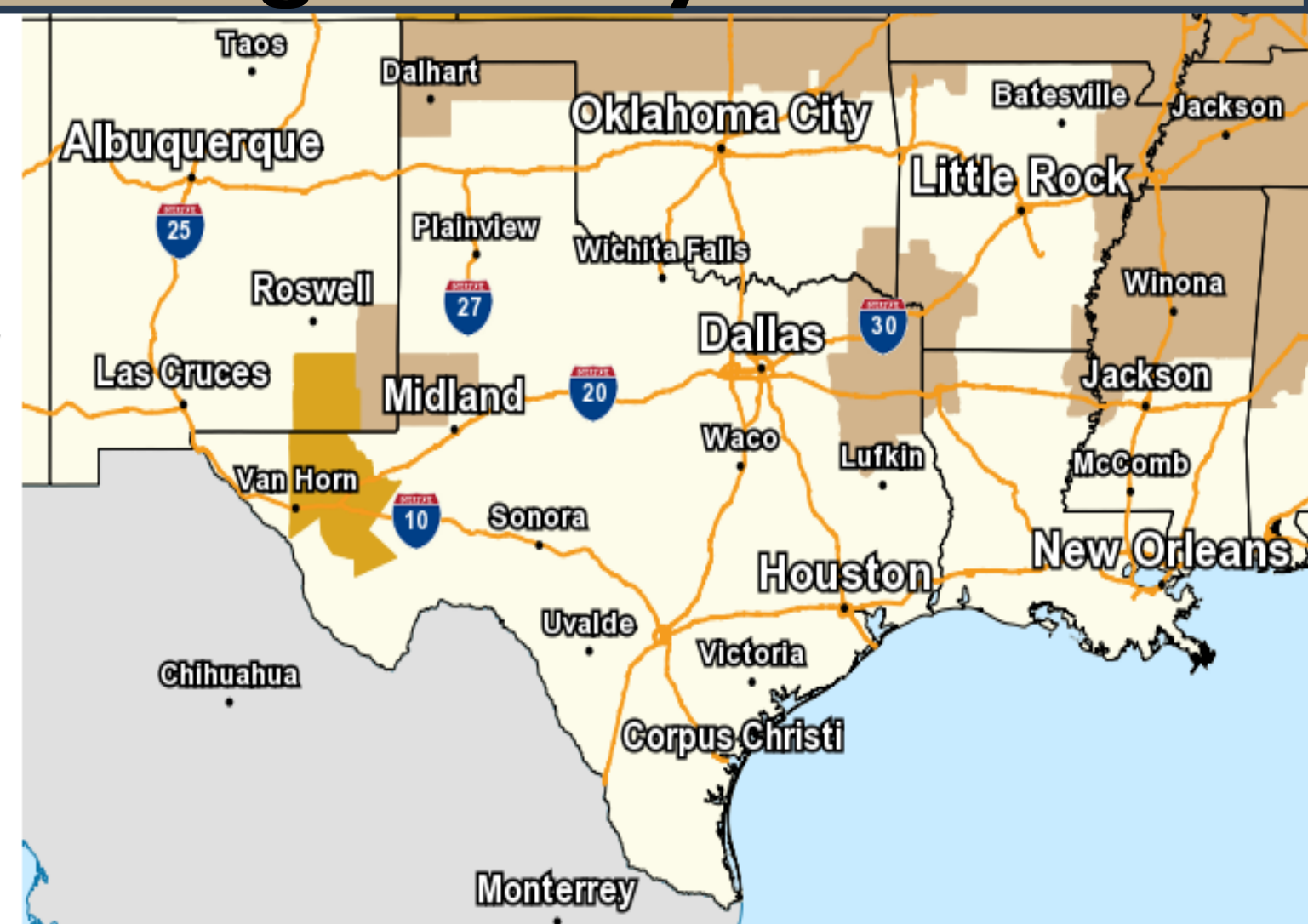
## Severe Weather & Flooding



Graphic Created

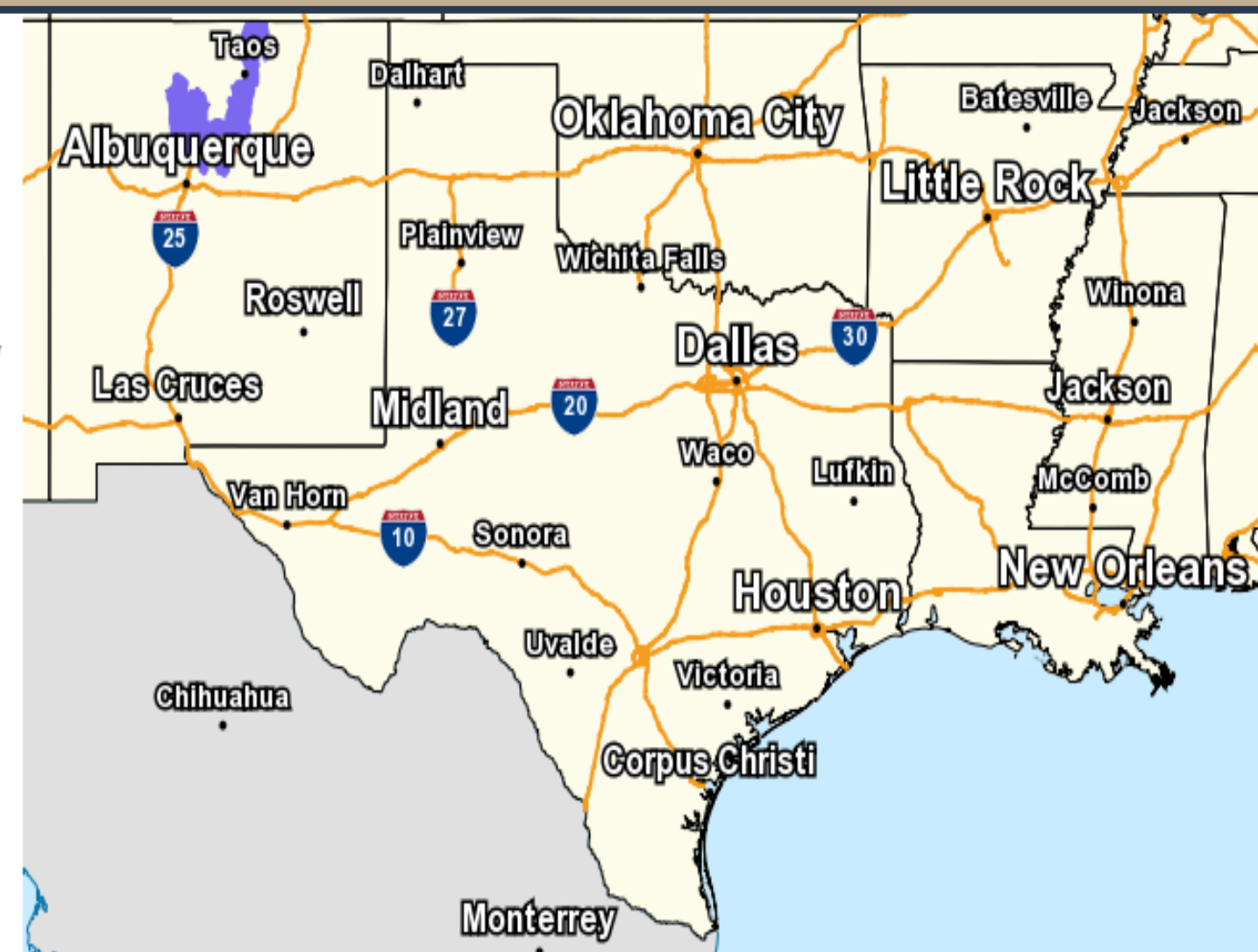
No significant weather  
impacts expected.

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather

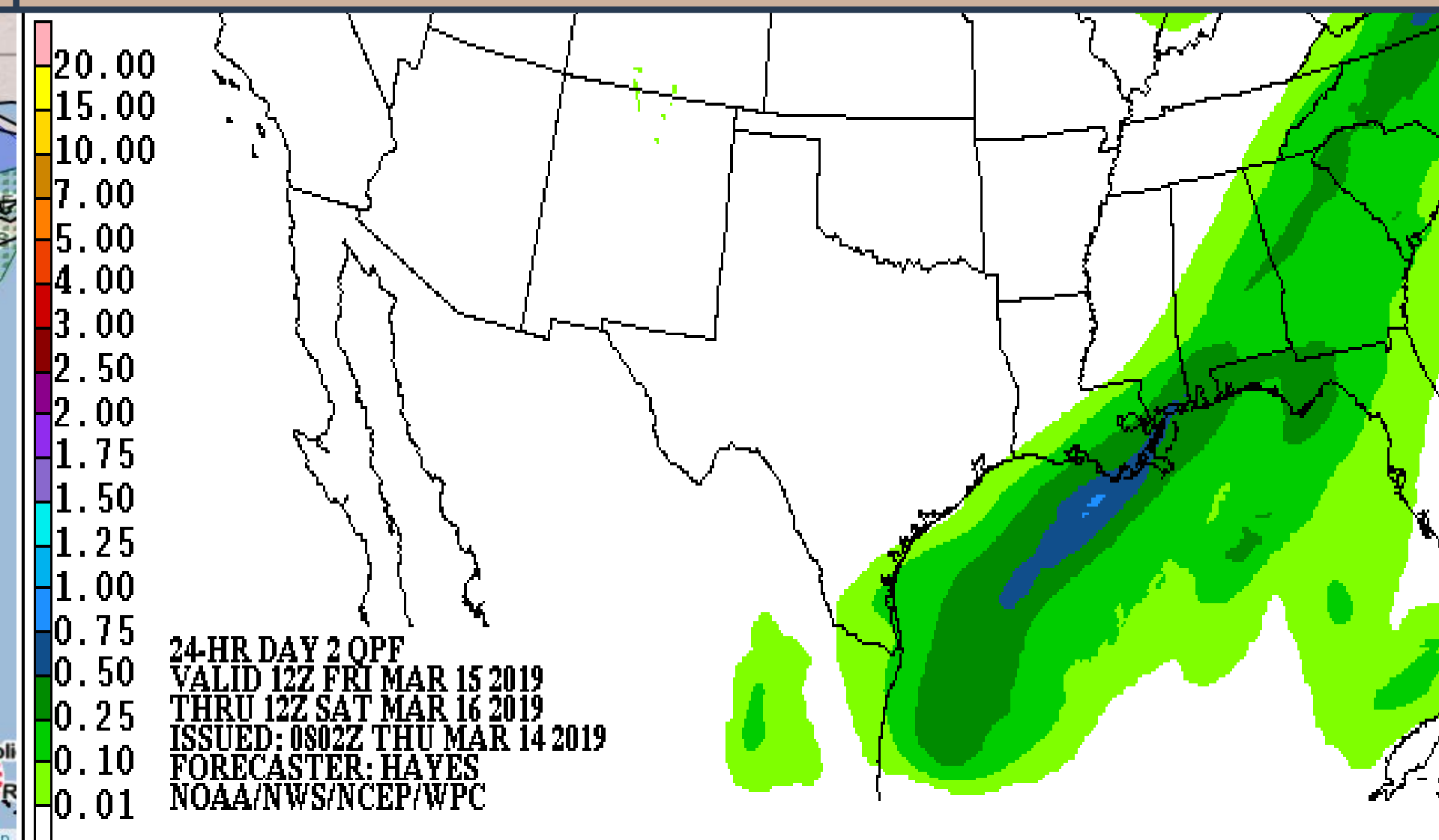
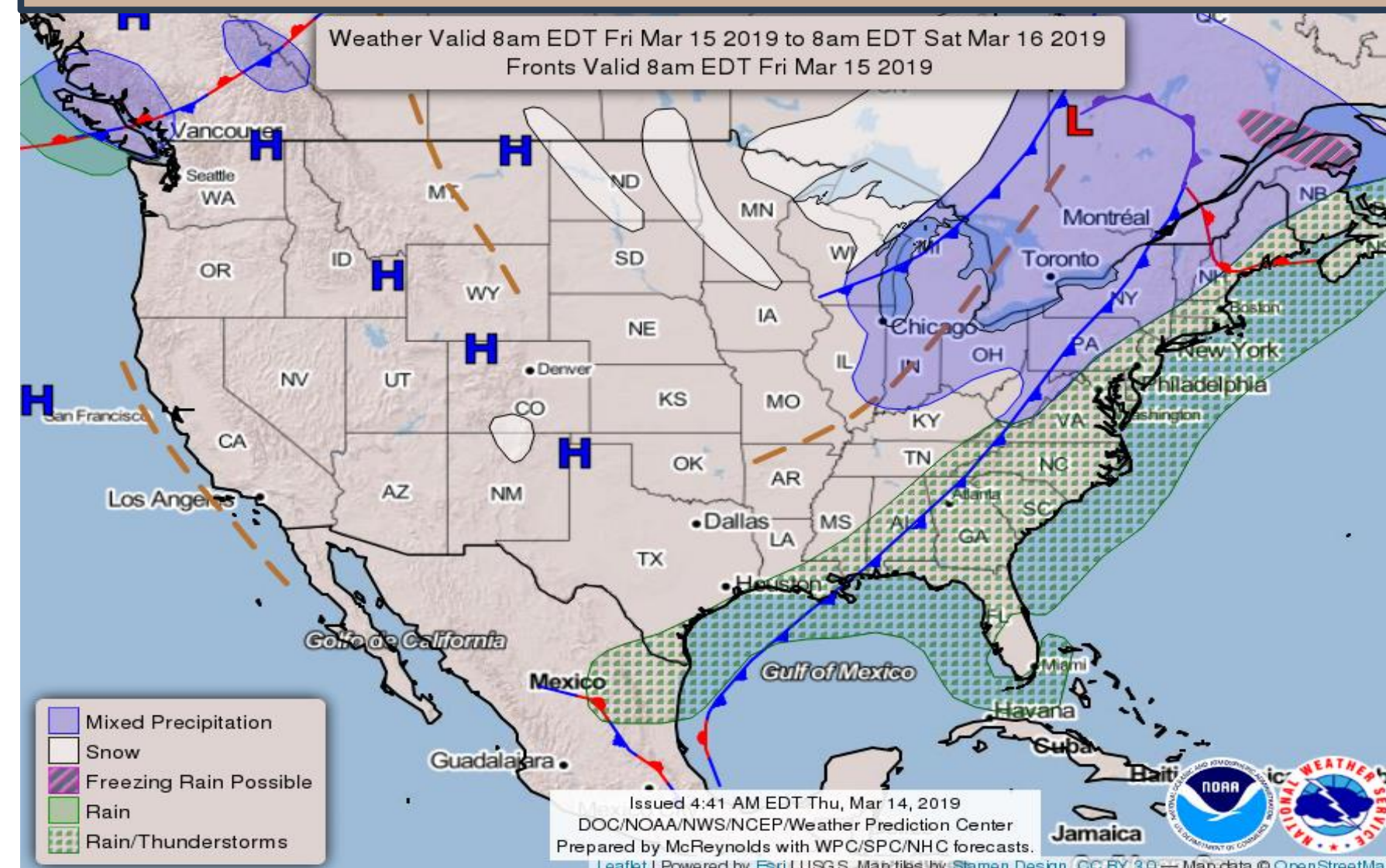


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## Forecast Chart

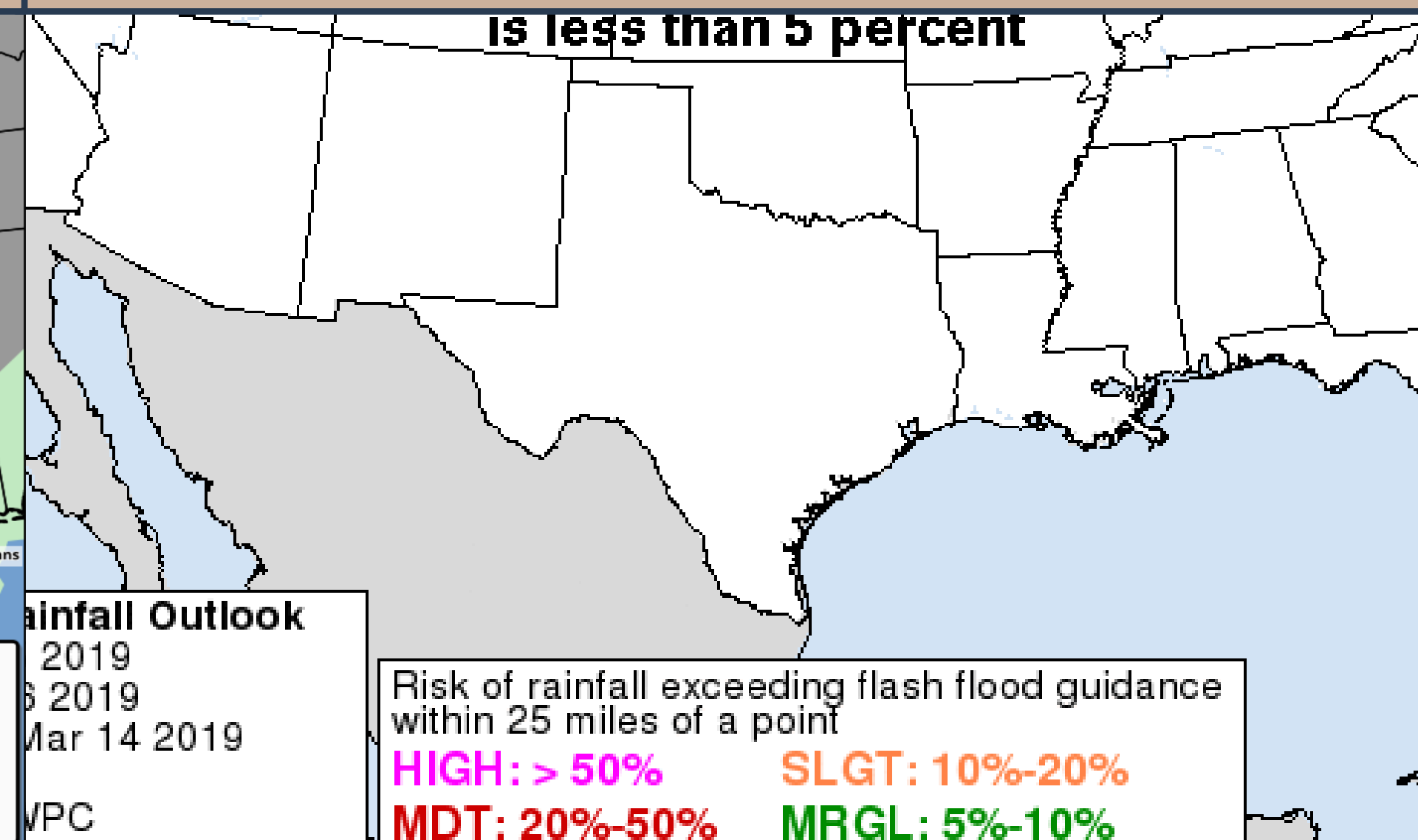
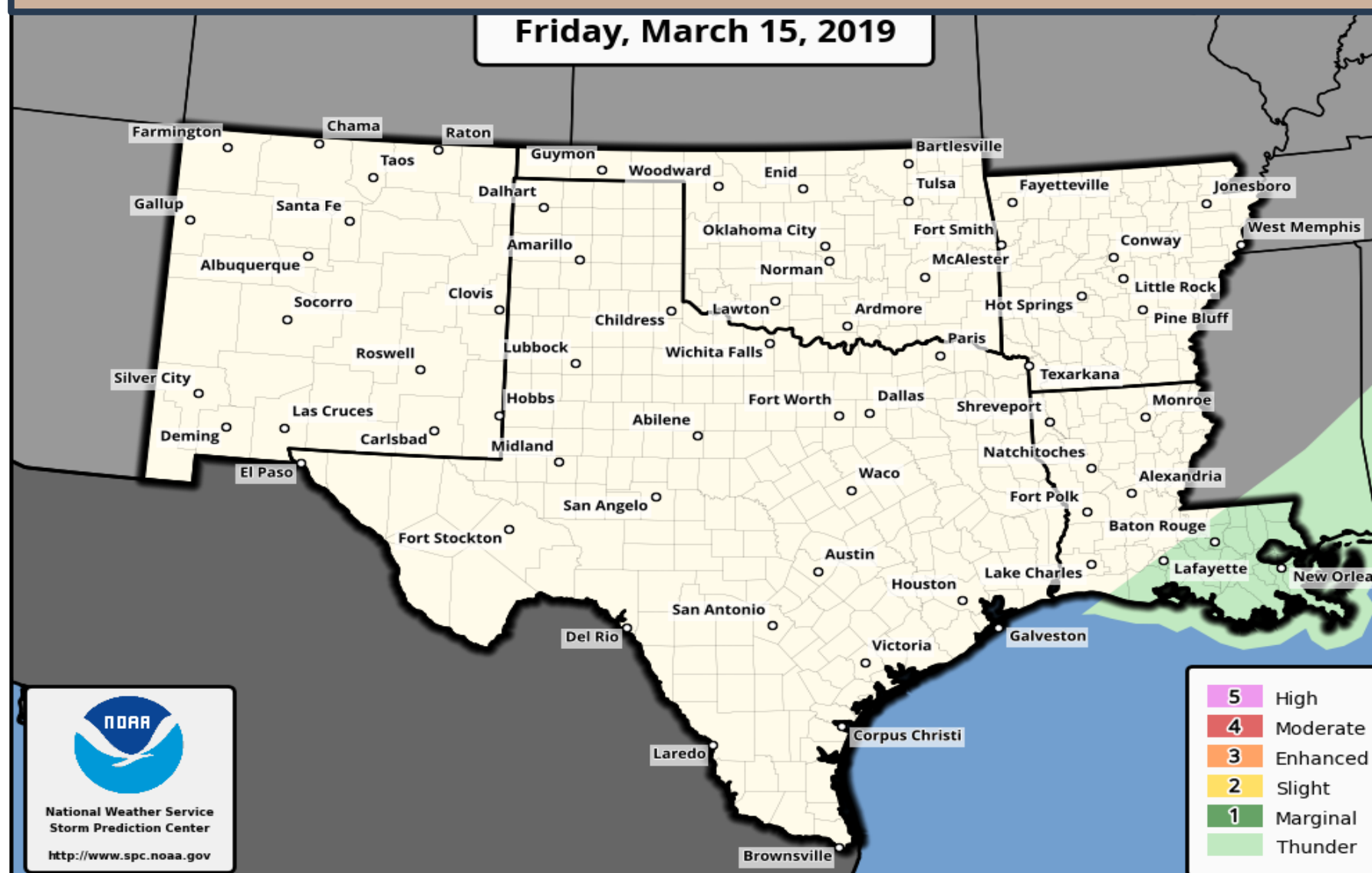
## Forecast Rainfall

No significant weather impacts expected.



## Severe Weather Outlook

## Excessive Rainfall Outlook





# Saturday's Weather

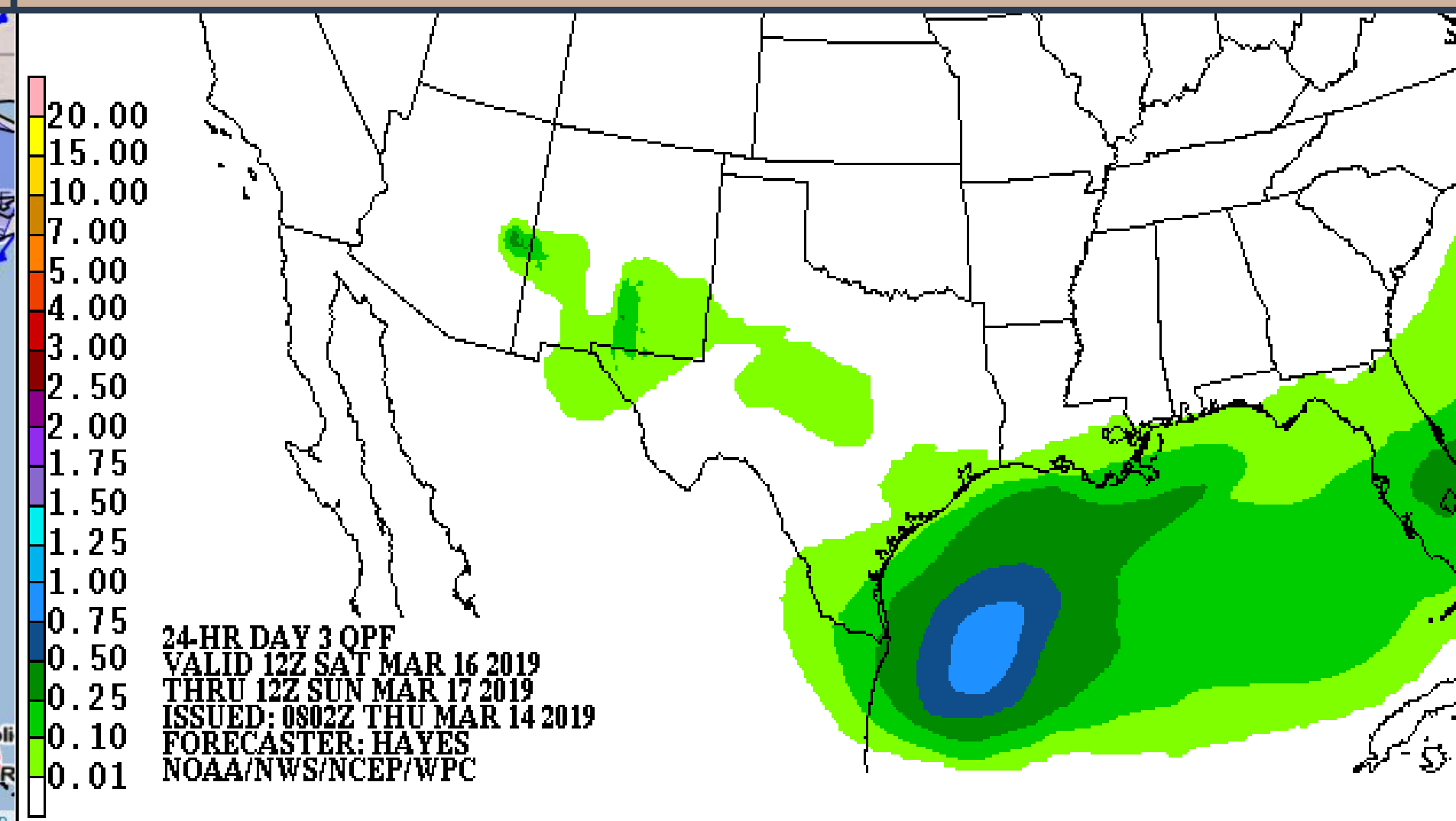
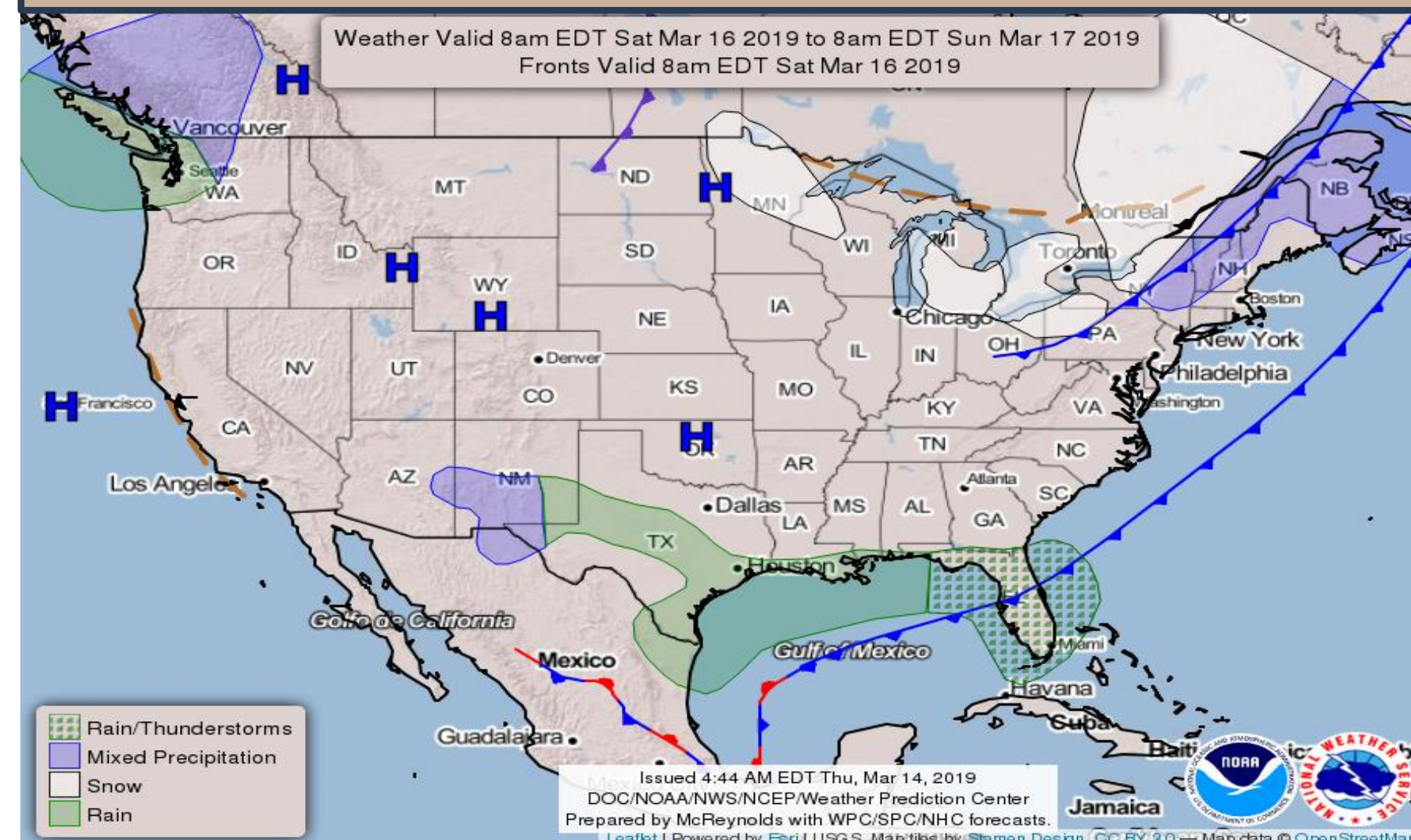


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## Forecast Chart

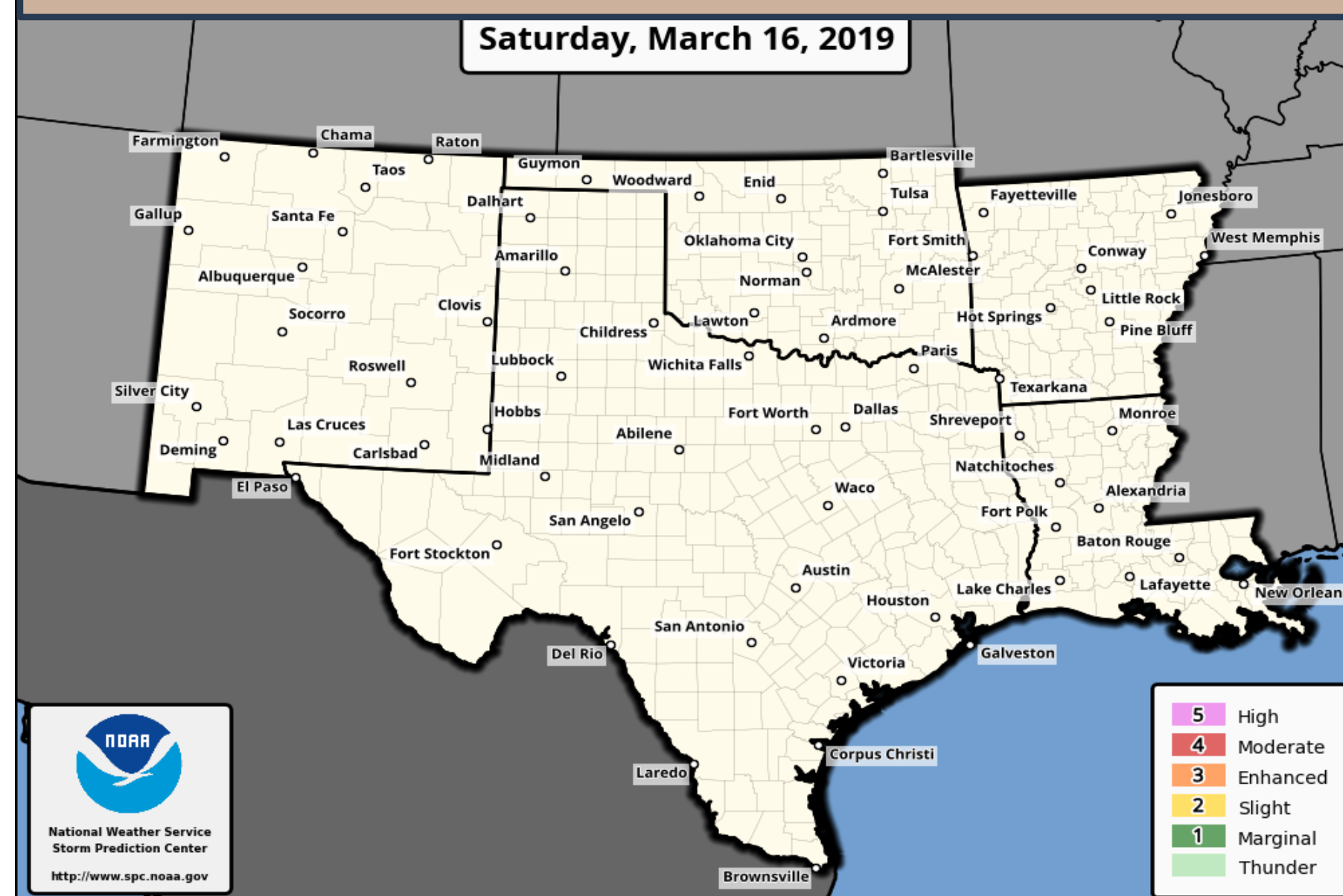
## Forecast Rainfall

No significant weather impacts expected.



## Severe Weather Outlook

## Excessive Rainfall Outlook



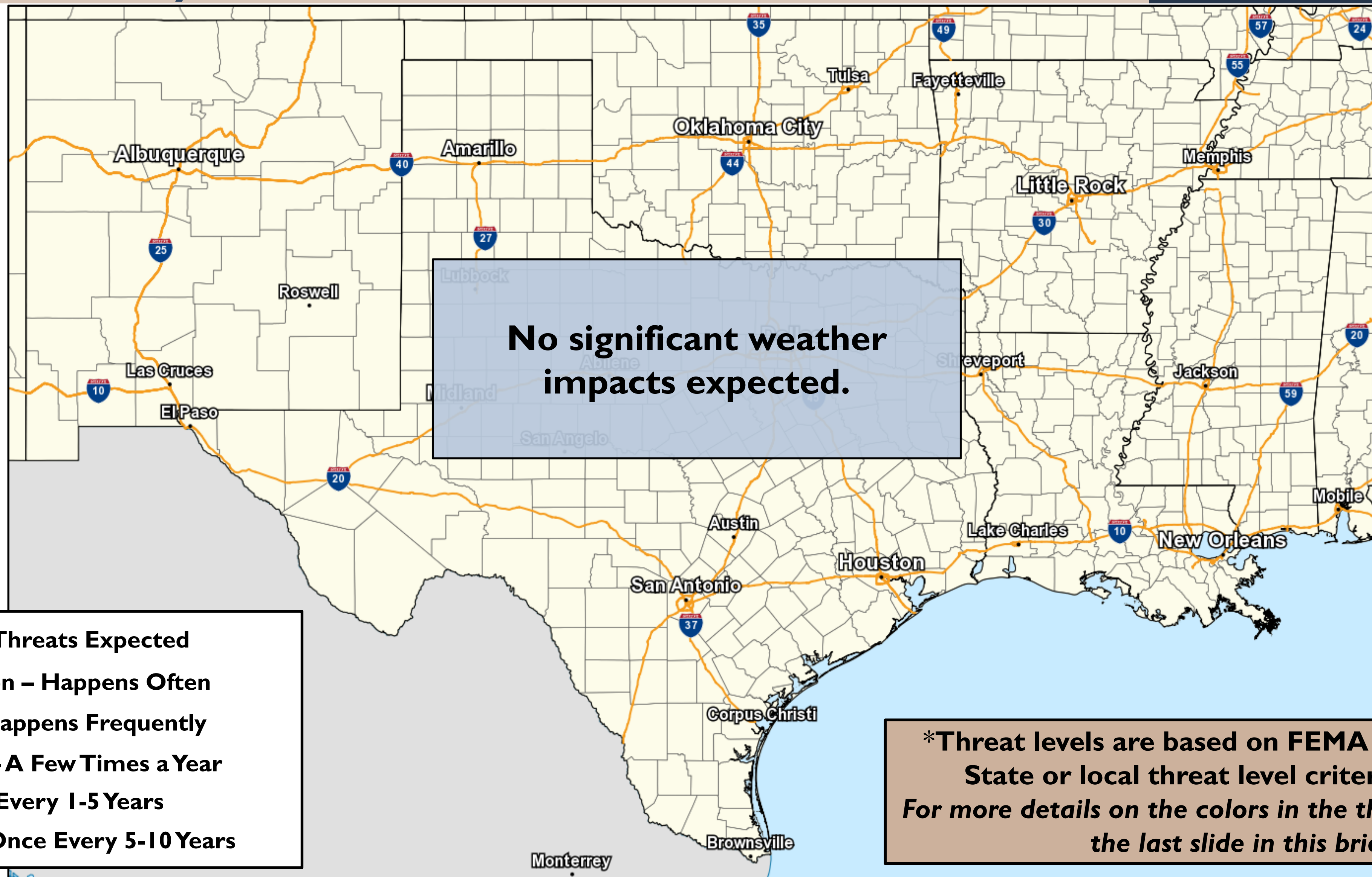


# Days 4-5 Weather Hazards

Sunday – Monday



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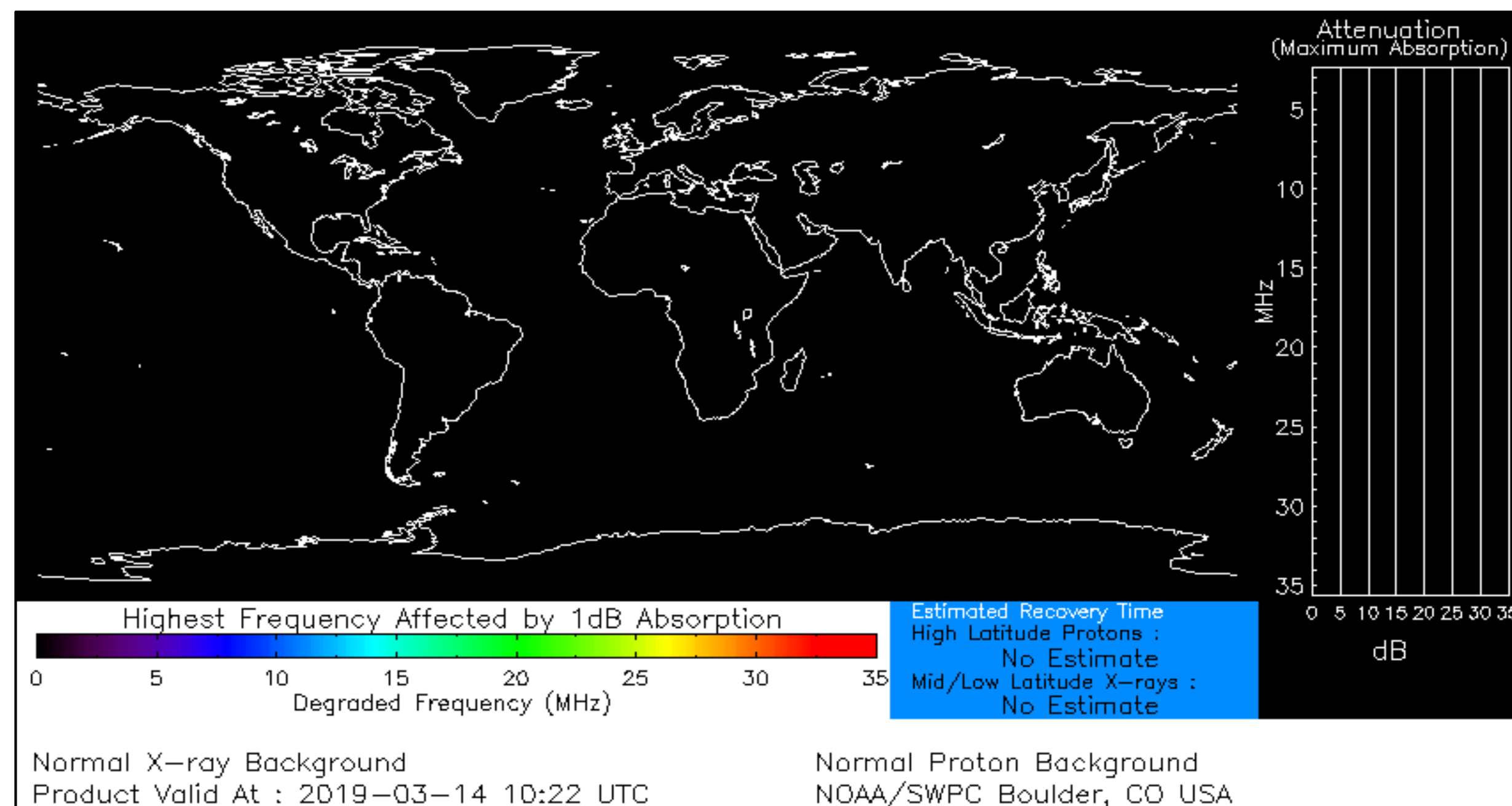


# Space Weather 3-Day Forecast



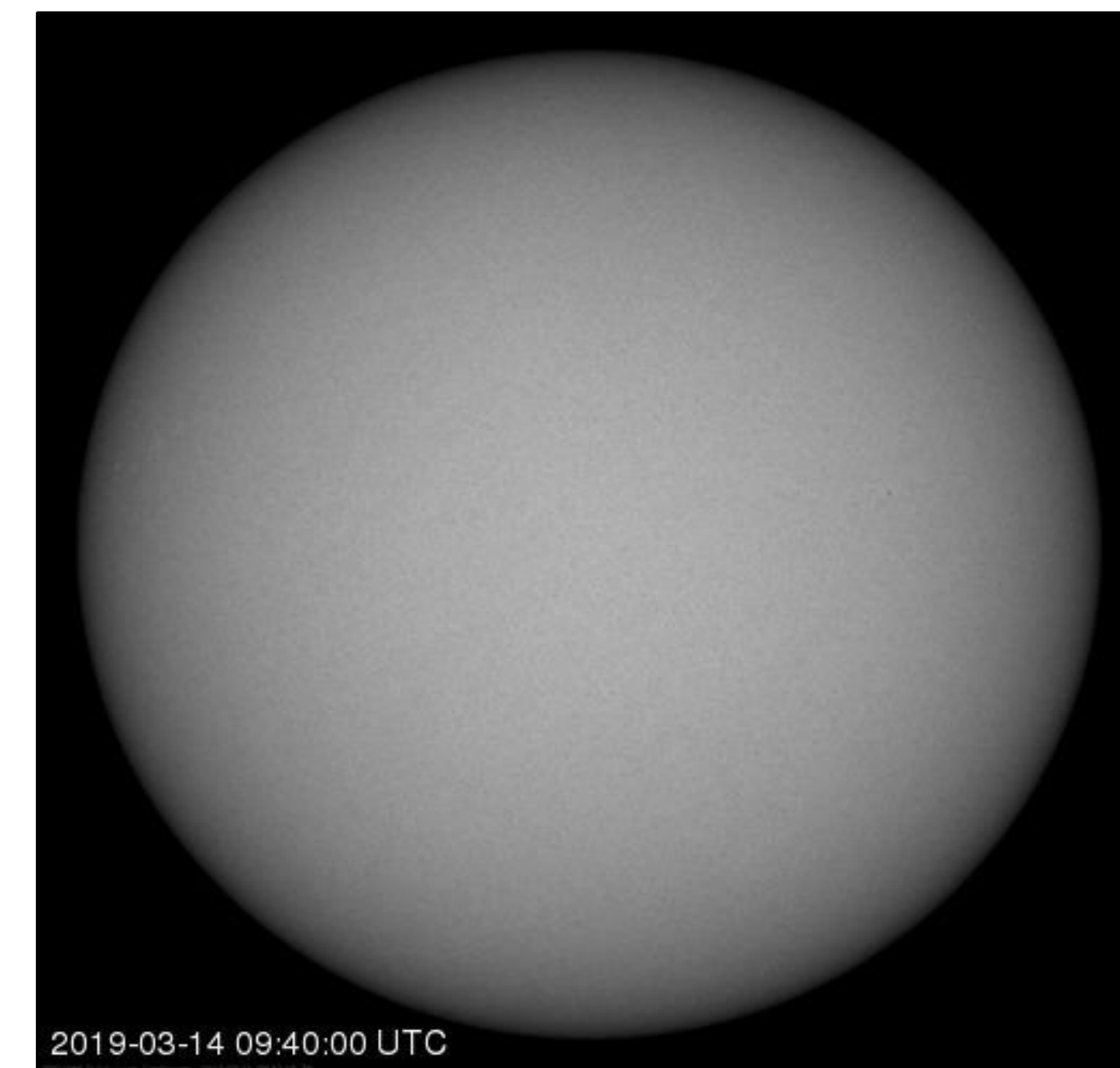
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|                               | Thursday                           | Friday                              | Saturday                  |
|-------------------------------|------------------------------------|-------------------------------------|---------------------------|
| Geomagnetic Storms            | Quiet to Unsettled<br>(Max Kp = 3) | Unsettled to Active<br>(Max Kp = 4) | Unsettled<br>(Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 1%                                 | 1%                                  | 1%                        |
| Radio Blackout (R1-R2)        | 1%                                 | 1%                                  | 1%                        |
| Radio Blackout (R3-R5)        | 1%                                 | 1%                                  | 1%                        |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2019-03-14 09:40:00 UTC





# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





| Weather “Threat” Matrix |  |   |  |
|-------------------------|--|---|--|
| Color                   | Definition   | Criteria  | Example(s)   |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>   |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**